### State of California AIR RESOURCES BOARD

## **EXECUTIVE ORDER A-4-236**

Relating to Certification of New Heavy-Duty Engines and Vehicles

# INTERNATIONAL TRUCK AND ENGINE CORPORATION

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2000

Fuel Type: Diesel

Engine Family	Displ <u>Liters</u>	acement <u>Cubic Inches</u>	Exhaust Emission Control Systems and Special Features
YNVXH0530ACT	8.6	530	Turbocharger Charge Air Cooler Electronic Control Module Oxidation Catalytic Converter Direct Diesel Injection

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	Total <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen Oxides	Particulate <u>Matter</u>
Standard	1.3	15.5	4.0	0.05
Certification	0.1	8.0	3.9	0.05

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BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That the listed engine models are certified for use in urban buses.

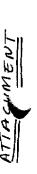
Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this \_26 day of June 2000.

R. B. Summerfield, Chief

Mobile Source Operations Division



# Engine Model 💝 nmary Form

Manufacturer: International E. O. # A-4-236

Engine category: On-highway HDDE

EPA Engine Family: YNVXH0530ACT

Mfr Family Name: 530E

Process Code: New Submission

	(lbs/hr)@peak torque Average 74
7.Fuel Rate: mm/stroke@peak	Average 172
6.Torque @ RPM (SEA Gross)	
Rate: 5.Fuel Rate:  § peak HP (lbs/hr) @ peak HP Il only) (for diesels only)	Average 113
4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	Average 168
3.BHP@RPM (SAE Gross)	Advertised 80 280 @ 2000
1.Engine Code 2.Engine Model	22
1.Engine Code	CT280